

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** blomus GmbH

**Supplier's address:** Kundenservice, Zur Hubertushalle 4, 59846 Sundern, DE

**Model identifier:** FAROL Mini

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED-Module		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	1	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	90 in Wide cone (120°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	2 700 or 4 000
On-mode power ( $P_{on}$ ), expressed in W	1,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	-
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	83
Outer dimensions without separate control gear, lighting control	Height	195	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	70	
	Depth	70	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,461 0,419
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	12	Survival factor	-
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

# Report of Spectroradiometric & Electric Analysis for Light Source

Model No.:

Sample SN:

Manufacturer:

Tested By:

Description:

Test Report No.:

Date:

Reviewed By:

## Test Condition

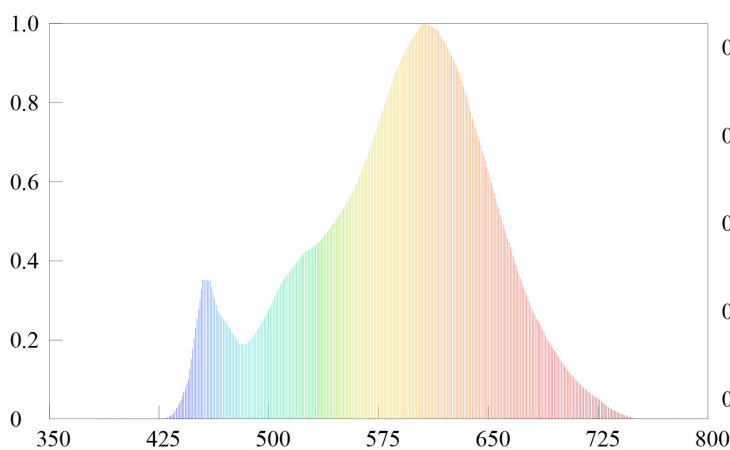
Temperature: 25°C

RH: 58%

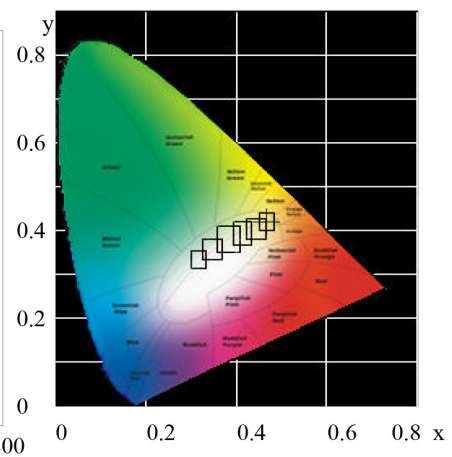
Spectrum Range: 350-800 nm

Scan Step: 5 nm

## Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

Chromaticity Coordinates:  $x=0.4649$   $y=0.4190$   $u'=0.262$   $v'=0.5312$

Correlated Color Temperature: 2695 K

Dominant Wavelength: 582.0 nm(E)

Colour Fidelity Index:  $R_f=82$

Gamut Index:  $R_g=91$

Luminous Flux: 94.76 lm

Purity: 0.6554

Chromaticity Difference:  $+0.00263$ Duv

Peak Wavelength: 605.0 nm

Color Ratio:  $K_r=47.9\%$   $K_g=45.2\%$   $K_b=6.8\%$

Color Tolerance(SDCM): 1.6016

Bandwidth: 110.4nm

Radiant Flux: 0.234 W

Photosynthetically Active Radiation(PAR): 0.23W

Photosynthetic Photon Flux(PPF): 1.13 $\mu$ mol/s

Rendering Index:  $R_a=83.6$

$R_1=83$   $R_2=94$   $R_3=94$   $R_4=81$   $R_5=83$   $R_6=94$   $R_7=82$   $R_8=59$

$R_9=12$   $R_{10}=86$   $R_{11}=82$   $R_{12}=74$   $R_{13}=86$   $R_{14}=97$   $R_{15}=74$   $R_e=79$

## Electric Parameters

Voltage: 5.00 V

Current: 0.198 A

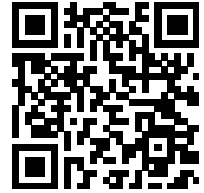
Power Factor: 1.000

Power: 0.99 W

Luminous Efficacy: 95.5 lm/W

SENSING Instruments Co.,Ltd

Model placed on the Union market from 01/01/2024



**EPREL registration number:** 1817134

<https://eprel.ec.europa.eu/qr/1817134>

**Supplier:** blomus GmbH (Importer)

**Website:** [www.blomus.com](http://www.blomus.com)

**Customer care service:**

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